CLAIM AMENDMENTS

1. (Currently Amended) An air flow control system comprising,

a lightweight headgear structure,

a fan mounted to said headgear structure to generate air flow ~~around~~ adjacent said headgear structure,

a power supply connected to supply power to said fan,

air flow monitoring means mounted to said headgear structure to monitor the air flow adjacent to said headgear structure,

said air flow monitoring means includes a pivotally mounted arm which is selectively positioned by an air flow around said headgear structure, and

indicia means connected with said air flow monitoring means to provide an indication of a predetermined operating condition thereof.

2. (Cancelled)

3. (Cancelled)

4. (Cancelled)

5. (Original) The system recited in claim 1 wherein,

said power supply comprises a battery.

6. (Original) The system recited in claim 1 including,

a shroud adapted for covering said headgear structure.

7. (Cancelled)

8. (Currently Amended) The system recited in ~~claim 3~~ claim 1 wherein,

said indicia means comprises a first light emitting diode.

9. (Cancelled)

10. (Currently Amended) The system recited in ~~claim 4~~ claim 35 wherein,

said second indicia means comprises a light emitting diode.

11. (Cancelled)

12. (Currently Amended) The system recited in ~~claim 11~~ claim 1 including,

a reference magnet mounted to said headgear structure adjacent to said arm, and

a positioning magnet mounted on said arm and adapted to interact with said reference magnet to locate said arm.

13. (Previously Amended) The system recited in claim 12 including.

a Hall-effect device mounted on said headgear structure,

a sensing magnet mounted on said arm to selectively alter the operation of said Hall-effect device as a function of the position of said arm.

14. (Cancelled)

15. (Currently Amended) The system recited in ~~claim 14~~ claim 36 including,

voltage regulator means for supplying a relatively fixed voltage to said current sensing device, and

a sensing circuit connected to said current sensing device for detecting an excessive current in said current sensing means.

16. (Original) The system recited in claim 15 wherein,

said sensing circuit includes an operational amplifier.

17. (Currently Amended)) The system recited in ~~claim 4~~ claim 15 including

a voltage detecting circuit connected to said power supply to detect the output level therefrom.

18. (Cancelled)

19. (Currently Amended) The system recited in ~~claim 18~~ claim 36 including,

a current controlling means for supplying a relatively fixed current to said voltage sensing device.

20. (Original) The system recited in claim 5 including,

a battery voltage monitoring means to monitor the voltage level produced by said battery.

21. (Currently Amended) An air flow control system comprising,

a lightweight headgear structure,

a fan mounted to said headgear structure to generate air flow around said headgear structure,

a power supply connected to supply power to said fan to produce air flow adjacent to said headgear structure,

said power supply comprises a battery,

a battery voltage monitoring means to monitor the voltage level produced by said battery,

air flow monitoring means,

said air flow monitoring means including a mechanical apparatus mounted to said headgear structure to monitor the air flow adjacent to said headgear structure and an electrical apparatus to monitor the operation of said fan and the airflow produced thereby, ~~and~~

first ~~and second~~ indicia means connected with said air flow monitoring means to provide an indication of a predetermined operating condition thereof relative to the airflow adjacent to said headgear structure, and

second indicia means connected to said power supply to provide an indication of a predetermined operating condition thereof..

22. (Cancelled)

23. (Cancelled)

24. (Previously Added) The system recited in claim 21 wherein,

said first and second indicia means each comprises a light emitting diode.

25. (Previously Added) The system recited in claim 21 wherein,

said first indicia means is connected to said mechanical apparatus to provide an indication of a predetermined operating condition thereof.

26. (Cancelled)

27. (Previously Added) The system recited in claim 21 wherein,

said mechanical apparatus of said air flow monitoring means includes a pivotally mounted arm which is selectively positioned by an air flow around said headgear structure.

28. (Previously Added) The system recited in claim 27 including,

a reference magnet mounted to said headgear structure adjacent to said pivotally mounted arm, and

a positioning magnet mounted on said arm and adapted to interact with said reference magnet to locate said arm.

29. (Previously Added) The system recited in claim 28 including,

a Hall-effect device mounted on said headgear structure,

a sensing magnet mounted on said arm to selectively alter the operation of said Hall-effect device as a function of the position of said arm.

30. (Previously Added) The system recited in claim 21 wherein,

said electrical apparatus of said air flow monitoring means includes a current sensing device for determining the amount of current supplied to said fan.

31. (Currently Amended) The system recited in claim 30 including,

voltage regulator means for supplying a relatively fixed voltage to said current sensing device, and

a sensing circuit connected to said current sensing device for detecting an excessive current in said current sensing means.

32. (Previously Added) The system recited in claim 31 wherein,

said sensing circuit includes an operational amplifier.

33. (Previously Added) The system recited in claim 21 wherein,

said electrical apparatus of said air flow monitoring means includes a voltage sensing device for determining the amount of voltage supplied to said fan.

34. (Previously Added) The system recited in claim 33 including,

a current controlling means for supplying a relatively fixed current to said voltage sensing device.

35. (New) The system recited in claim 1 including,

second indicia means connected to said power supply to provide an indication of a predetermined operating condition thereof.

36. (New) An air flow control system comprising,

a lightweight headgear structure,

a fan mounted to said headgear structure to generate air flow adjacent said headgear structure,

a power supply connected to supply power to said fan,

air flow monitoring means mounted to said headgear structure to monitor air flow adjacent to said headgear structure,

said air flow monitoring means includes a current sensing device for measuring the level of current supplied to said fan and a voltage sensing device for determining the level of voltage supplied to said fan, and,

indicia means connected with said air flow monitoring means to provide an indication of a predetermined operating condition thereof.

37. (New) The system recited in claim 36 wherein,

said power supply comprises a battery.

38. (New) The system recited in claim 37 including,

a battery voltage monitoring means to monitor the voltage level produced by said battery.

39. (New) The system recited in claim 38 including,

second indicia means connected to said battery voltage monitoring means to provide an indication of a predetermined operating condition thereof.